ECS Configuration Change Request
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1. Originator Alexander Schuster	2. Log Date: 6/3/03	3. CCR #: 03-0395	4. Rev: —	5. Tel: 925-0519	6. Rm #: 3008B	7. Dept. RDEV

8. CCR Title: IRIX 6.5.17m TE for BMGT machines at the DAACs. Contains fixes for a severity 2 NCR.

9. Originator Signature/Date A. Schuster /s/ 06/03/03	10. Class II	11. Type: CCR	12. Need Date: 06/03/03
13. Office Manager Signature/Date Arthur Cohen /s/ 6/3/03	14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 27). Emergency

16. Documentation/Drawings Impacted *(Review and submit checklist)*: N/A	17. Schedule Impact: N/A	18. CI(s) Affected: BMGT

19. Release Affected by this Change: 6A	20. Date due to Customer: 06/03/03	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach)   ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
Supports fix for BMGT NCR ECSed36997: TS2: TE_6A.07_BMGT.01: sometimes misses granules

23. Problem: (use additional Sheets if necessary)
IRIX must be upgraded to v6.5.17m on the acg hosts at the DAACs in order to implement the June BMGT patch, Patch_6A.07_BMGT.04A, which contains a fix for a severity 2 NCR.

24. Proposed Solution: (use additional sheets if necessary)
Deliver IRIX distribution disks and installation instructions to DAACs, and upgrade the following BMGT hosts to IRIX 6.5.17m plus additional patches (see Additional Sheet):   EDC: e0acg11
GSFC: g0acg01
LaRC: l0acg02
NSIDC n0acg01 (already at IRIX 6.5.17m, but needs patches).

25. Alternate Solution: (use additional sheets if necessary)
None

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
BMGT will occasionally omit one or two granules from XML files.

27. Justification for Emergency (If Block 15 is "Emergency"):
Required to meet schedule for release of June's BMGT patch.

28. Site(s) Affected: ☐EDF ☐PVC ☐VATC ☒EDC   ☒ GSFC ☒LaRC ☒NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐ IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): G. G. Gavigan, Jr. /s/ 06/03/03	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

CM01JA00 Revised 8/2/02   ECS/EDF/SCDV/M&O

ADDITIONAL SHEET

CCR #:   03-0395   Rev: — Originator: Alexander Schuster

Telephone: 925-0519   **Office:** RDEV

Title of Change: IRIX 6.5.17m TE for BMGT machines at the DAACs. Contains fixes for a severity 2 NCR.

Block 24. Proposed Solution (con't):

This delivery includes:

a) distribution disk -- one per site -- containing IRIX 6.5.14, IRIX 6.5.17, patches, and SGI COTS images to facilitate installation.

b) installation instructions (see attached)

The distribution disks will contain the following patches for IRIX 6.5.17m:

Patch #	Release Date	Description
4433	10/23/02	ImageVision fix for SEGV in ELT
4511	04/11/02	7.3 FORTRAN runtime #3 for IRIX 6.5
4685	07/20/02	Rqs for 6.5.17
4704	06/28/02	MIPSpro 7.3.1.3m C Front-End #1
4711	01/03/03	Rld support for loading multiple DSOs in large pages
4721	10/29/02	libInventorXt.so for Motif 2.1
4749	08/08/02	Processes forced to run on single CPU in EXCLUSIVE cpusets
4757	10/01/02	Fixes for _m_ Mozilla DoS crashing X - 6.5.17
4781	10/03/02	Qlogic Fibrechanel and dksc update for 6.5.15, 6.5.16, 6.5.17
4805	10/22/02	TP9400 / TP9500 Failover Update for Irix 6.5.15, 6.5.16, and 6.5.17
4808	10/15/02	NFS3 hangs with delayed writes, panics with imon
4816	10/25/02	BDSpro 2.3 patch
4832	12/05/02	MIPSpro 7.3.1.3m Compiler Backend #4
4835	11/01/02	lpd update – includes 'sendmail -t' fix
4848	09/20/02	ef driver limiting packets per second
4855	09/27/02	TS and TPSC tape driver fixes
4859	01/21/03	GigE Networking Performance and Denial of Service fixes
4869	10/18/02	ToolTalk RPC Server Format String Vulnerability
4881	07/26/02	named fix for IRIX 6.5.[13..17]
4886	12/17/02	MIPSpro 7.3.1.3m Fortran 77 #1
4888	10/11/02	rpcbind/fsr_efs/mv/errhook/uux fixes
4892	11/04/02	RPC Updates
4903	10/23/02	System Controller Firmware/Software Updates for IRIX 6.5.12 - 6.5.18
4922	01/10/03	Asynchronous IO library patch
4969	02/11/03	Panic due to private mapping in shared space
5032	03/27/03	EAGAIN/ENOSPC can get passed back to socket incorrectly in eg driver
5045	04/02/03	Sendmail fixes for IRIX
5049	04/17/03	IP35 PROM fixes for 6.5.17

Note1: Not all patches may install. Some are hardware-dependent.